

LA-UR-21-31843

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Title: TA-60-2 Warehouse Asset Tree and Supporting Information

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



Intended for: Example of Multi-Sector General Permit environmental compliance program inspection structure to new software provider (new provider is under contract w/ LANL) to begin setting up new database.

















































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TA-60-2 Warehouse Asset Tree and Supporting Information

Asset Name	Asset ID	Classification
 TA-60-2 Warehouse		60005 MSGP Permitted Facility (MSGP FAC)
 ISCO 3700 Sampler	206B00104	ISCO 3700 Sampler (ISCO 3700)
 Monitored Outfall		26 MSGP Outfall (MSGP OUTFALL)
 MSGP02601	MSGP02601	MSGP Station (MSGP STATION)
 ISCO 3700 Sampler	209H01283	ISCO 3700 Sampler (ISCO 3700)
 Substantially Identical Outfall		27 Substantially Identical Outfall (SIO)
 Substantially Identical Outfall		28 Substantially Identical Outfall (SIO)
 Rock Check Dam		6.00051E+12 Rock Check Dam (0601)
 Rock Check Dam		6.00051E+12 Rock Check Dam (0601)
 Rock Check Dam		6.00051E+12 Rock Check Dam (0601)
 Rip Rap		6.0005E+12 Rip Rap (0406)
 Concrete/Asphalt Channel/Swale		6.0005E+12 Concrete/Asphalt Channel/Swale (0402)
 Eco-Block		6.0005E+12 Eco-Block (0311)
 Earthen Berm		6.0005E+12 Earthen Berm (0301)
 Gravel Bags		6.0005E+12 Gravel Bags (0310)
 Sector P	60005-	Sector P (P)
 Actuator		218000720 Actuator (ACTUATOR)
 Monitored Outfall		75 MSGP Outfall (MSGP OUTFALL)
 MSGP07501	MSGP07501	MSGP Station (MSGP STATION)
 MSGP02701	MSGP02701	MSGP SIO Station (MSGP SIO Station)
 MSGP02801	MSGP02801	MSGP SIO Station (MSGP SIO Station)
 Actuator	216C01144	Actuator (ACTUATOR)
 ISCO Avalanche Sampler	216E00611	ISCO Avalanche Sampler (ISCO Avalanche)
 ISCO Avalanche Sampler	216E00610	ISCO Avalanche Sampler (ISCO Avalanche)
 Pb-Acid Battery	MSGP-110-0516-62	MSGP Battery (MSGP battery)
 Pb-Acid Battery	MSGP-110-0516-64	MSGP Battery (MSGP battery)
 Pb-Acid Battery	MSGP-110-0516-68	MSGP Battery (MSGP battery)
 Pb-Acid Battery	MSGP-110-0516-69	MSGP Battery (MSGP battery)
 Pb-Acid Battery	MSGP-110-0516-70	MSGP Battery (MSGP battery)
 Pb-Acid Battery	MSGP-110-0516-73	MSGP Battery (MSGP battery)
 Solar Panel	GSP1076-100-STAR-2878	MSGP Solar Panel (MSGPSOLAR)
 Trench Drain		6.00051E+12 Trench Drain (0904)
 Charge Controller	B20044974	Charge Controller (Charge Controller)
 Actuator	217F00435	Actuator (ACTUATOR)
 Actuator	209F02096	Actuator (ACTUATOR)
 Solar Panel	0918HM1289	MSGP Solar Panel (MSGPSOLAR)
 Charge Controller	B12948102	Charge Controller (Charge Controller)
 Rip Rap		6.0005E+12 Rip Rap (0406)
 Straw Wattle		6.0005E+12 Straw Wattle (0306)
 Rip Rap		6.0005E+12 Rip Rap (0406)
 Rock Check Dam		6.00051E+12 Rock Check Dam (0601)
 EnviroSoxx w/ MetalLoxx		6.0005E+12 EnviroSoxx w/ MetalLoxx (0320)
 EnviroSoxx w/ MetalLoxx		6.0005E+12 EnviroSoxx w/ MetalLoxx (0320)
 EnviroSoxx w/ MetalLoxx		6.0005E+12 EnviroSoxx w/ MetalLoxx (0320)
EnviroSoxx w/ MetalLoxx		6.0005E+12 EnviroSoxx w/ MetalLoxx (0320)
EnviroSoxx w/ MetalLoxx		6.0005E+12 EnviroSoxx w/ MetalLoxx (0320)
Rock Check Dam		6.00051E+12 Rock Check Dam (0601)
Rock Check Dam		6.00051E+12 Rock Check Dam (0601)

Asset Name	Asset ID or Serial Number	ID or number description	Classification
 -60-2 Warehouse	60005	Facility location - ID assigned by MSGP Team	MSGP Permitted Facility (MSGP FAC)
 Monitored Outfall	026	Outfall location - ID assigned by MSGP Team	MSGP Outfall (MSGP OUTFALL)
 MSGP02601	MSGP02601	ID assigned by MSGP Team	MSGP Station (MSGP STATION)
 Actuator	218000720	equipment serial number	Actuator (ACTUATOR)
 Actuator	217F00435	equipment serial number	Actuator (ACTUATOR)
 Charge Controller	B20044974	equipment serial number	Charge Controller (Charge Controller)
 ISCO 3700 Sampler	209H01283	equipment serial number	ISCO 3700 Sampler (ISCO 3700)
 ISCO Avalanche Sampler	216E00610	equipment serial number	ISCO Avalanche Sampler (ISCO Avalanche)
 Pb-Acid Battery	MSGP-110-0516-62	equipment number assigned by MSGP Team	MSGP Battery (MSGP battery)
 Pb-Acid Battery	MSGP-110-0516-64	equipment number assigned by MSGP Team	MSGP Battery (MSGP battery)
 Pb-Acid Battery	MSGP-110-0516-73	equipment number assigned by MSGP Team	MSGP Battery (MSGP battery)
 Solar Panel	0918HM1289	equipment serial number	MSGP Solar Panel (MSGPSOLAR)
 Substantially Identical Outfall	027	Outfall location - ID assigned by MSGP Team	Substantially Identical Outfall (SIO)
 MSGP02701	MSGP02701	ID assigned by MSGP Team	MSGP SIO Station (MSGP SIO Station)
 Substantially Identical Outfall	028	Outfall location - ID assigned by MSGP Team	Substantially Identical Outfall (SIO)
 MSGP02801	MSGP02801	ID assigned by MSGP Team	MSGP SIO Station (MSGP SIO Station)
 Monitored Outfall	075	Outfall location - ID assigned by MSGP Team	MSGP Outfall (MSGP OUTFALL)
 MSGP07501	MSGP07501	ID assigned by MSGP Team	MSGP Station (MSGP STATION)
 Actuator	216C01144	equipment serial number	Actuator (ACTUATOR)
 Actuator	209F02096	equipment serial number	Actuator (ACTUATOR)
 Charge Controller	B12948102	equipment serial number	Charge Controller (Charge Controller)
 ISCO 3700 Sampler	206B00104	equipment serial number	ISCO 3700 Sampler (ISCO 3700)
 ISCO Avalanche Sampler	216E00611	equipment serial number	ISCO Avalanche Sampler (ISCO Avalanche)
 Pb-Acid Battery	MSGP-110-0516-68	equipment number assigned by MSGP Team	MSGP Battery (MSGP battery)
 Pb-Acid Battery	MSGP-110-0516-69	equipment number assigned by MSGP Team	MSGP Battery (MSGP battery)
 Pb-Acid Battery	MSGP-110-0516-70	equipment number assigned by MSGP Team	MSGP Battery (MSGP battery)
 Solar Panel	GSP1076-100-STAR-2878	equipment serial number	MSGP Solar Panel (MSGPSOLAR)
 Rock Check Dam	6000506010001*	Stormwater control measure [#] - number assigned by MSGP Team	Rock Check Dam (0601)
 Rock Check Dam	6000506010002	Stormwater control measure - number assigned by MSGP Team	Rock Check Dam (0601)
 Rock Check Dam	6000506010003	Stormwater control measure - number assigned by MSGP Team	Rock Check Dam (0601)
 Rip Rap	6000504060004	Stormwater control measure - number assigned by MSGP Team	Rip Rap (0406)
 Concrete/Asphalt Channel/Swale	6000504020005	Stormwater control measure - number assigned by MSGP Team	Concrete/Asphalt Channel/Swale (0402)
 Eco-Block	6000503110006	Stormwater control measure - number assigned by MSGP Team	Eco-Block (0311)
 Earthen Berm	6000503010007	Stormwater control measure - number assigned by MSGP Team	Earthen Berm (0301)
 Gravel Bags	6000503100008	Stormwater control measure - number assigned by MSGP Team	Gravel Bags (0310)
 Trench Drain	6000509040011	Stormwater control measure - number assigned by MSGP Team	Trench Drain (0904)
 Rip Rap	6000504060012	Stormwater control measure - number assigned by MSGP Team	Rip Rap (0406)
 Straw Wattle	6000503060013	Stormwater control measure - number assigned by MSGP Team	Straw Wattle (0306)
 Rip Rap	6000504060019	Stormwater control measure - number assigned by MSGP Team	Rip Rap (0406)
 Rock Check Dam	6000506010022	Stormwater control measure - number assigned by MSGP Team	Rock Check Dam (0601)
 EnviroSoxx w/ MetalLoxx	6000503200023	Stormwater control measure - number assigned by MSGP Team	EnviroSoxx w/ MetalLoxx (0320)
 EnviroSoxx w/ MetalLoxx	6000503200025	Stormwater control measure - number assigned by MSGP Team	EnviroSoxx w/ MetalLoxx (0320)
 EnviroSoxx w/ MetalLoxx	6000503200027	Stormwater control measure - number assigned by MSGP Team	EnviroSoxx w/ MetalLoxx (0320)
 EnviroSoxx w/ MetalLoxx	6000503200031	Stormwater control measure - number assigned by MSGP Team	EnviroSoxx w/ MetalLoxx (0320)
 EnviroSoxx w/ MetalLoxx	6000503200032	Stormwater control measure - number assigned by MSGP Team	EnviroSoxx w/ MetalLoxx (0320)
 Rock Check Dam	6000506010033	Stormwater control measure - number assigned by MSGP Team	Rock Check Dam (0601)
 Rock Check Dam	6000506010034	Stormwater control measure - number assigned by MSGP Team	Rock Check Dam (0601)
 Sector P	60005-	Sector of Industrial Activity (asset ID N/A)	Sector P (P)

[#] Stormwater control measures are also known as Best Management Practices or BMPs.

^{*} Stormwater control measure ID numbers are made up of the MSGP Permitted Facility no. (60005) + Control Measure Class (06 check dam) + Control Measure Type (01 rock check dam) + 4 digit count e.g., 60005 06 01 0001


List Search

- TA-60-2 Warehouse
 - Concrete/Asphalt Channel/Swale (6000504020005)
 - Earthen Berm (6000503010007)
 - Eco-Block (6000503110006)
 - EnviroSoxx w/ MetalLoxx (6000503200023)
 - EnviroSoxx w/ MetalLoxx (6000503200025)
 - EnviroSoxx w/ MetalLoxx (6000503200027)
 - EnviroSoxx w/ MetalLoxx (6000503200031)
 - EnviroSoxx w/ MetalLoxx (6000503200032)
 - Gravel Bags (6000503100008)
 - Monitored Outfall (026)
 - MSGP02601
 - Actuator (218000720)
 - Actuator (217F00435)
 - Charge Controller (B20044974)
 - ISCO 3700 Sampler (209H01283)
 - ISCO Avalanche Sampler (216E00610)
 - Pb-Acid Battery (MSGP-110-0516-62)
 - Pb-Acid Battery (MSGP-110-0516-64)
 - Pb-Acid Battery (MSGP-110-0516-73)
 - Solar Panel (0918HM1289)
 - Substantially Identical Outfall (027)
 - MSGP02701
 - Substantially Identical Outfall (028)
 - MSGP02801
 - Monitored Outfall (075)
 - MSGP07501
 - Actuator (216C01144)
 - Actuator (209F02096)
 - Charge Controller (B12948102)
 - ISCO 3700 Sampler (206B00104)
 - ISCO Avalanche Sampler (216E00611)
 - Pb-Acid Battery (MSGP-110-0516-68)
 - Pb-Acid Battery (MSGP-110-0516-69)
 - Pb-Acid Battery (MSGP-110-0516-70)
 - Solar Panel (GSP1076-100-STAR-2878)
 - Rip Rap (6000504060004)
 - Rip Rap (6000504060012)
 - Rip Rap (6000504060019)
 - Rock Check Dam (6000506010001)
 - Rock Check Dam (6000506010002)
 - Rock Check Dam (6000506010003)
 - Rock Check Dam (6000506010022)
 - Rock Check Dam (6000506010033)
 - Rock Check Dam (6000506010034)
 - Sector P
 - Straw Wattle (6000503060013)
 - Trench Drain (6000509040011)

Details Meter Related Info PMs / Tasks Attach History

Asset Info Change Icon...


Parent:  MSGP-RG121.9

RG121.9

Class: MSGP FAC Type: L

Location

MSGP Permitted Facility

Asset ID: 60005 

Name: TA-60-2 Warehouse

Status

☒ In-Service Sub-Status: ACTV Active

☒ Available for Service Requests

Address Info

Address:

City:

State:

Photo

Attach... Remove

Details Model Costs Insurance Manage Other

Model:

Serial #:

Rotating Part:

Tracked Tool:

Account:

Sub Canyon: UI FOD Utilities and Infrastructure

Vicinity:

Watershed:

Maintained By

Repair Center: MSGP-RI

Warranty Info

Vendor:

Manufacturer:

Warranty Ends:

Assets

List

Search

➔ ⌂ ⭐ 📄 📁

MSGP Stock Room

MSGP Compound

- Actuator
- Bubbler
- Cable Splitter
- Charge Controller
- Encoder
 - Equipment for Recycle
- Gage Station Phone
- HOBODatalogger
- ISCO 3700
 - ISCO 3700 Sampler
- ISCO Avalanche Sampler
 - DEFAULT
 - ISCO Avalanche Sampler (210J00069)
 - ISCO Avalanche Sampler (210J00072)
 - ISCO Avalanche Sampler (210J01234)
 - ISCO Avalanche Sampler (TBD)
 - ISCO Avalanche Sampler (210J01233)
 - ISCO Avalanche Sampler (_INXX_284~9823)
 - ISCO Avalanche Sampler (210J01522)
 - ISCO Avalanche Sampler (_INXX_284~9825)
 - ISCO Avalanche Sampler (TBD)
 - ISCO Avalanche Sampler (210J00062)
 - ISCO Avalanche Sampler (210J00065)
 - ISCO Avalanche Sampler (_INXX_284~12757)
 - ISCO Avalanche Sampler (USE FOR NEW)
 - ISCO Avalanche Sampler (USE FOR NEW)
 - ISCO Avalanche Sampler (USE FOR NEW)
 - ISCO Avalanche Sampler (_INXX_284~16149)
 - ISCO Avalanche Sampler(No Serial Number)

- ISCO Sampler 24c
- Non Stocked Items
- Pb-Acid Battery
- pH and Temp Module
- pH and Temp Probe
- DEFAULT
 - ISCO pH/Temp Probe (216D01520)
 - ISCO pH/Temp Probe (216D01521)
 - ISCO pH/Temp Probe (216E00271)
 - ISCO pH/Temp Probe (216E00270)
 - ISCO pH/Temp Probe (216D01518)
 - ISCO pH/Temp Probe (216D01526)
- Probe(No Serial Number)
- Solar Panel
- Sutron Datalogger

ISCO Avalanche Sampler (210J00069)

Details

Meter

Related Info

PMs / Tasks

Attach

History

Asset Info

Change Icon...

Status

Parent: _INBN_8~284~DEFAULT

DEFAULT

Class: ISCO Avalanche

Type: A

Asset

Asset ID: 210J00069

Name: ISCO Avalanche Sampler

Details

Model

Costs

Insurance

Manage

Other

Model: Avalanche

Serial #: 210J00069

Rotating Part: ISCO Avalanche Sampl

ISCO Avalanche Sampler

Tracked Tool:

Account:

Sub Canyon:

Vicinity:

Watershed:

Maintained By

Repair Center: MSGP

Warranty Info

Vendor:

Manufacturer:

Warranty Ends:

In-Service

Sub-Status: INACTIVE

Inactive

Available for Service Requests

Photo

Attach...

Remove

Page 1

Page 2

User-Defined

List Search

Details

Failures

Related Info

Procedures

Asset Classifications

- BMP
 - Berm
 - Cap
 - Channel/Swale
 - Base Course Swale
 - Concrete/Asphalt Channel/Swale
 - Culvert
 - Earthen Channel/Swale
 - Gabion Swale
 - Rip Rap
 - Rock Channel/Swale
 - TRM-Lined Swale
 - Vegetated Swale
 - Water Bar
 - Check Dam
 - Energy Dissipater
 - Juniper Bale
 - Log Check Dam
 - Rock Check Dam
 - Drop Inlet
 - Energy Dissipater
 - Gabion
 - Gabion
 - Gabion Blanket
 - Permanent Vegetation
 - Established Vegetation
 - Permanent Vegetation Forested/Needle Cast
 - Permanent Vegetation Grasses and Shrubs
 - Permanent Vegetation Vegetative Buffer Strip
 - Ponds
 - Sediment Traps and Basins
 - Bioretention Basin
 - Gravel Infiltration Strip
 - Infiltration Basin
 - Sand Filter
 - Sediment Basin
 - Sediment Trap
 - Seed and Mulch
 - Concrete Blanket
 - Erosion Control Blanket
 - Gravel Mulch
 - Hydromulch
 - Seed and Compost
 - Seed and Gravel Mulch
 - Seed and Wood Mulch
 - Seeding

Classification Info

Change Icon

Parent: 0600
Check Dam

ID: 0601

Name: Rock Check Dam

Type: A
Asset

Model:

Model #:

Model # (MFG):

Model Series:

Model Line:

System Platform:

Manufacturer:

TA-60-2 WAREHOUSE
SITE MAP

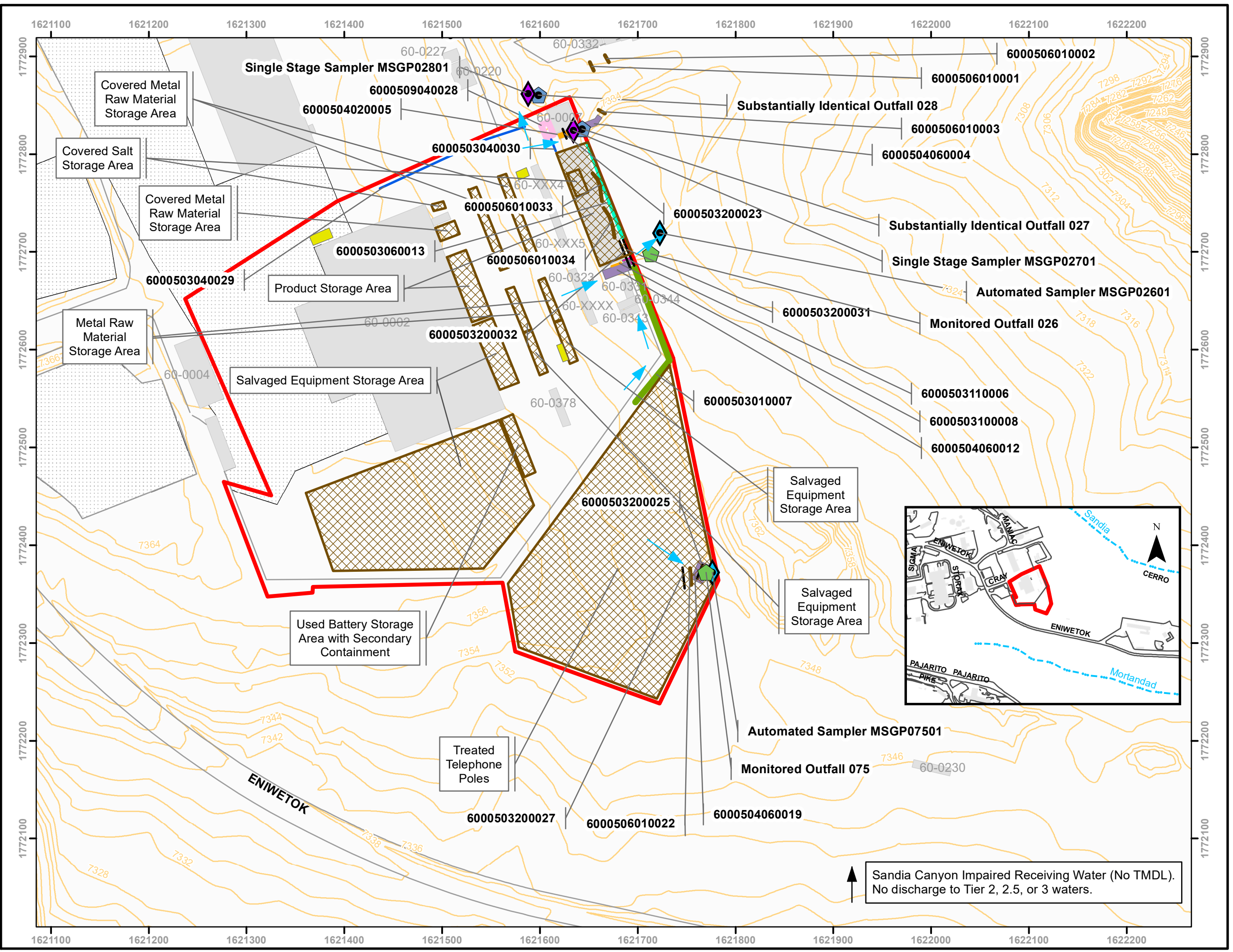
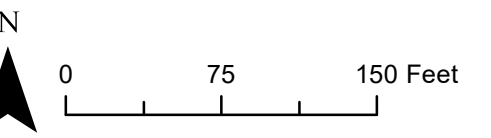
- Automated Sampler
- Single Stage Samplers
- Monitored Outfall
- Substantially Identical Outfall
- Drain Inlet
- EnviroSoxx w/ MetalLoxx
- Asphalt Berm
- Earthen Berm
- Gravel Bags
- Rock Check Dam
- Straw Wattle
- Trench Drain
- Drainage
- Paved Roads
- 2 ft Contour
- Boundary of Industrial Activity
- Asphalt Swale
- Eco-Blok
- Rip Rap
- Industrial Activity Areas
- Dumpster
- LANL Structures
- Paved Parking Lot
- Flow Direction

4.7 Acres, 80% Impervious Surface.
Note - No Critical Habitat Areas.

Map number: 16-0015-TA-60-2 Warehouse
Map created by: Ben Sutter, IFPROG
Updated: June 29, 2021
Version 10

New Mexico State Plane Coordinate System Central Zone
(3002)
North American Datum, 1983 (NAD 83)
US Survey Ft

DISCLAIMER: This map was created for work processes
associated with the Multi-Sector General Permit. All other
uses for this map should be confirmed with LANL EPC-CP
staff.



Sandia Canyon Impaired Receiving Water (No TMDL).
No discharge to Tier 2, 2.5, or 3 waters.